

Datasheet for ABIN5646850
anti-BCL6 antibody (AA 256-389)



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3 Images

Overview

Quantity:	100 µg
Target:	BCL6
Binding Specificity:	AA 256-389
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This BCL6 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Amino acids 256-389 were used as the immunogen for the Bcl6 antibody.
Clone:	BCL6-1527
Isotype:	IgG1 kappa
Purification:	Purified
Purity:	Protein G affinity chromatography

Target Details

Target:	BCL6
Alternative Name:	Bcl6 (BCL6 Products)

Target Details

Background: Antibody to Bcl-6 is helpful in a number of diagnostic settings: First, in the differential diagnosis of small B-cell lymphoma. Follicular lymphoma will show Bcl-6 (and CD10) positivity whereas other small B-cell lymphomas are usually negative. Second, Bcl-6 is an important prognostic marker in diffuse large B-cell lymphomas (DLBCL), where CD10, Bcl-6 and MUM1/IRF4 are used to identify germinal center and activated B-cell phenotypes. Third, Bcl-6 can be valuable in distinguishing classical Hodgkin lymphoma from nodular lymphocyte predominant Hodgkin lymphoma (NLPHL). The Reed-Sternberg cells of classical Hodgkin lymphoma are bcl-6 negative whereas the large (L&H) cells of NLPHL are bcl-6 positive. In contrast, anti-Bcl-6 rarely stains mantle-cell lymphoma and MALT lymphoma.

Pathways: [Chromatin Binding](#), [Regulation of Leukocyte Mediated Immunity](#), [Production of Molecular Mediator of Immune Response](#), [Protein targeting to Nucleus](#)

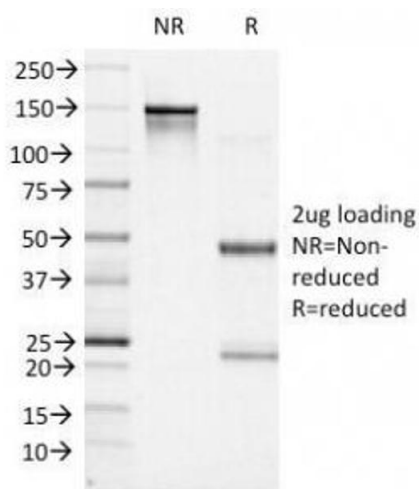
Application Details

Application Notes: Optimal dilution of the Bcl6 antibody should be determined by the researcher.
1. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.\. Flow Cytometry: 0.5-1 µg/million cells in 0.1ml,Immunofluorescence: 1-2 µg/mL,Immunohistochemistry (FFPE): 0.125-0.25 µg/mL,Prediluted IHC only format: incubate for 30 min at RT (1)

Restrictions: For Research Use only

Handling

Concentration:	1 mg/mL
Buffer:	1 mg/mL in 1X PBS, BSA free, sodium azide free
Preservative:	Azide free
Storage:	4 °C,-20 °C
Storage Comment:	Store the Bcl6 antibody at 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).



SDS-PAGE

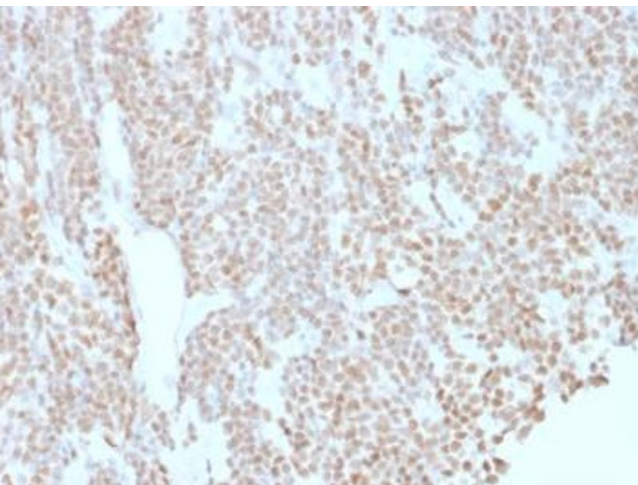
Image 1. SDS-PAGE Analysis of Purified, BSA-Free Bcl6 Antibody (clone BCL6/1527). Confirmation of Integrity and Purity of the Antibody.

Human Protein Microarray Specificity Validation



Microarray

Image 2. Analysis of HuProt(TM) microarray containing more than 19,000 full-length human proteins using Bcl6 antibody (clone BCL6/1527). Z- and S- score: The Z-score represents the strength of a signal that an antibody (in combination with a fluorescently-tagged anti-IgG secondary Ab) produces when binding to a particular protein on the HuProt(TM) array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If the targets on the HuProt(TM) are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-scores. The S-score therefore represents the relative target specificity of an Ab to its intended target.



Immunohistochemistry

Image 3. IHC testing of FFPE human lymphoma with Bcl6 antibody (clone BCL6/1527). Required HIER: boil tissue sections in 10mM Tris with 1mM EDTA, pH 9, for 10-20 min.